

For Research Use Only

# COQ10A Polyclonal antibody

Catalog Number: 17812-1-AP

4 Publications



## Basic Information

### Catalog Number:

17812-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12126

### GenBank Accession Number:

BC073923

### GeneID (NCBI):

93058

### UNIPROT ID:

Q96MF6

### Full Name:

coenzyme Q10 homolog A (S. cerevisiae)

### Calculated MW:

247 aa, 28 kDa

### Observed MW:

20-23 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : human heart tissue, mouse skeletal muscle tissue

IHC : human liver tissue,

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Bingju Yan	30483777	Mol Med Rep	WB
Hui S Tsui	31048406	J Lipid Res	WB
Bingju Yan	28901410	Mol Med Rep	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

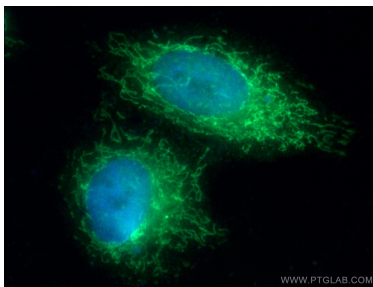
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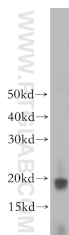
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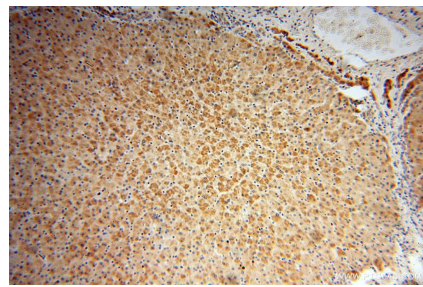
## Selected Validation Data



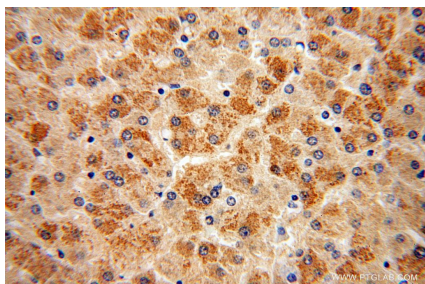
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 17812-1-AP (COQ10A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



human heart tissue were subjected to SDS PAGE followed by western blot with 17812-1-AP (COQ10A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 17812-1-AP (COQ10A antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 17812-1-AP (COQ10A antibody) at dilution of 1:100 (under 40x lens).